

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010262.D
 Acq On : 18 Mar 2020 12:26
 Operator : CG/JU
 Sample : L1903-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20200310

Quant Time: Mar 18 15:23:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

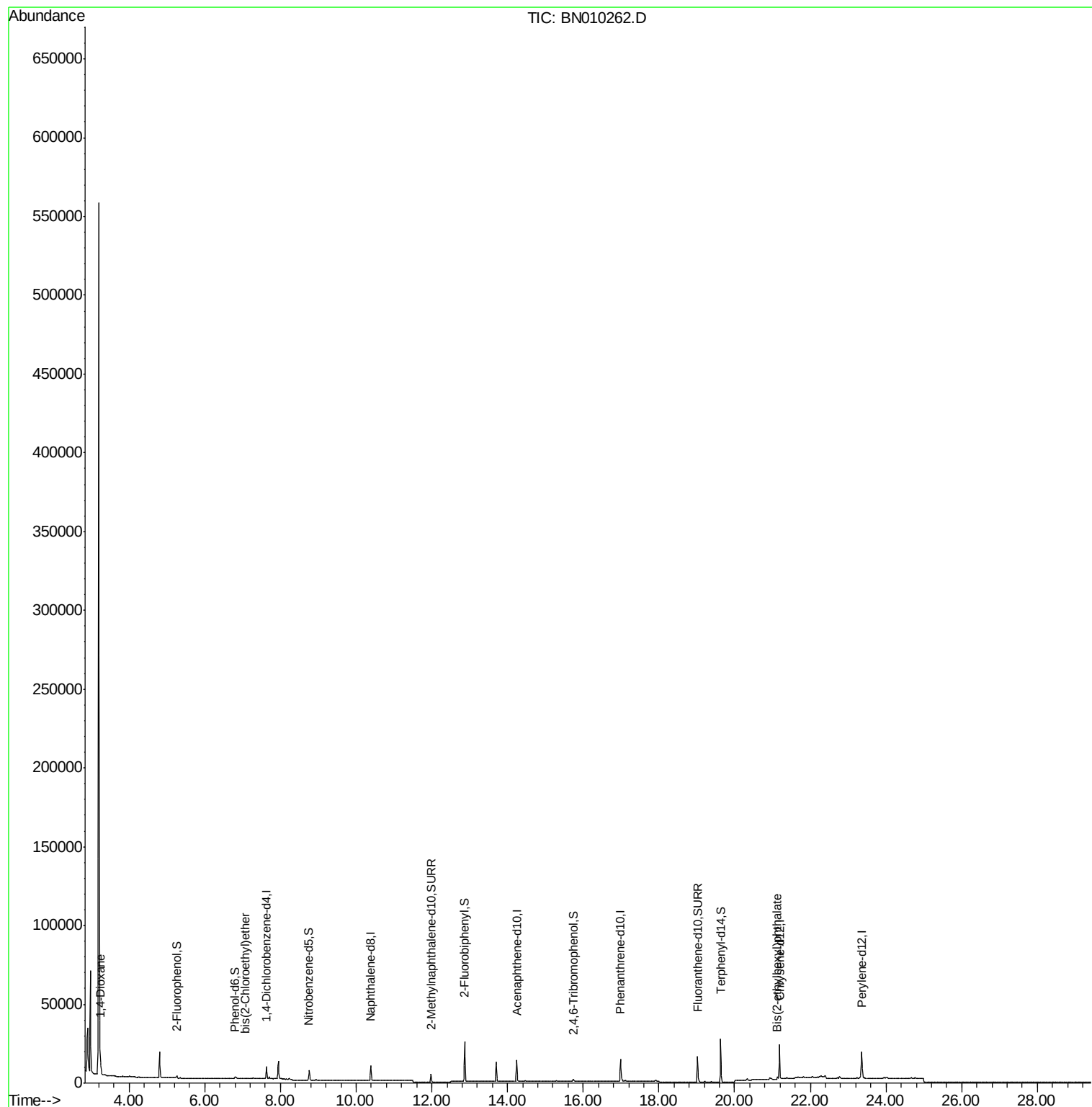
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3685	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12874	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7693	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18534	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	19329	0.40	ng	-0.01
34) Perylene-d12	23.36	264	21323	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1284	0.15	ng	0.00
5) Phenol-d6	6.81	99	989	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	5290	0.69	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7161	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	1027	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	21369	0.78	ng	-0.01
25) Fluoranthene-d10	19.02	212	19890	0.35	ng	-0.01
29) Terphenyl-d14	19.63	244	26967	0.61	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	2238	0.622	ng	# 57
6) bis(2-Chloroethyl)ether	7.06	93	294	0.033	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.13	149	1034	0.037	ng	# 96

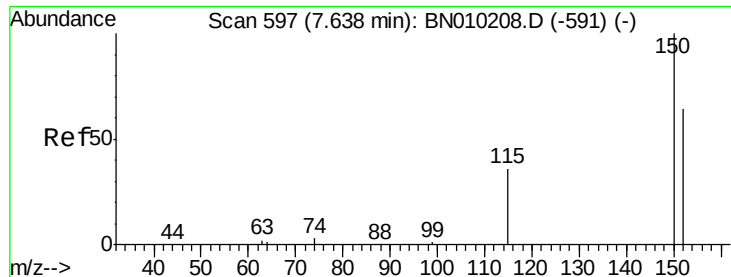
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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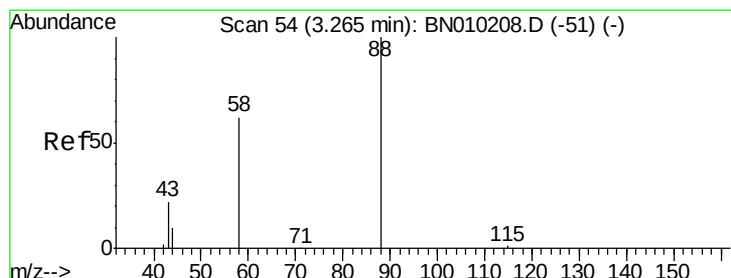
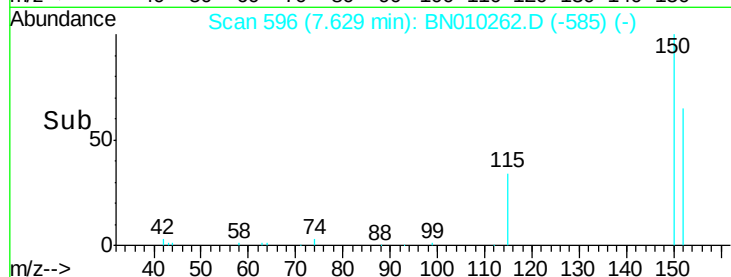
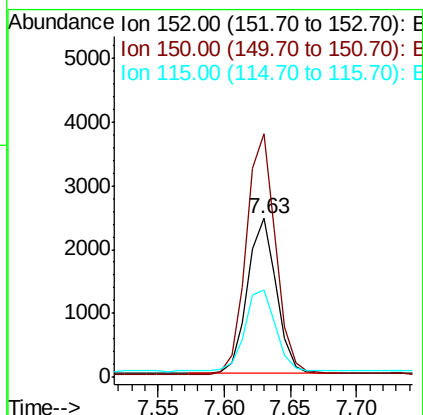
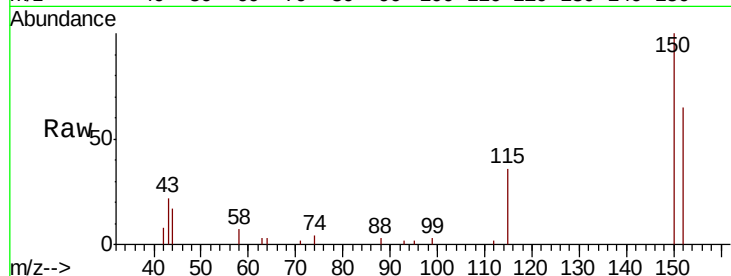


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010262.D
Acq: 18 Mar 2020 12:26

Instrument :
BNA_N
ClientSampleId :
RE103D2-20200310

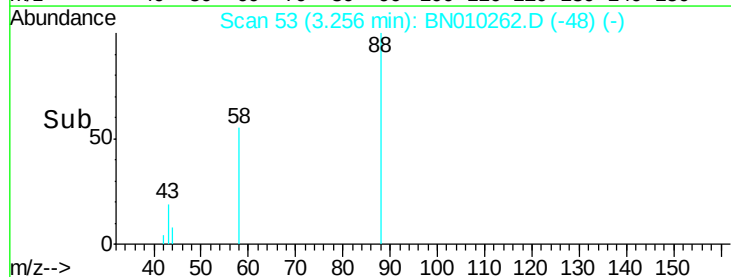
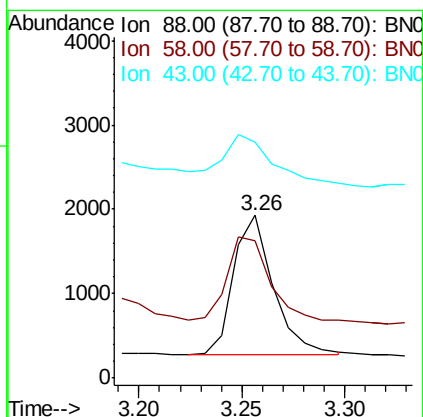
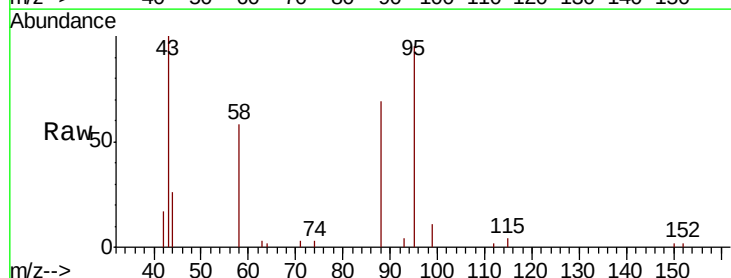
Tot Ion:152 Resp: 3685
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 55.4 50.9 76.3

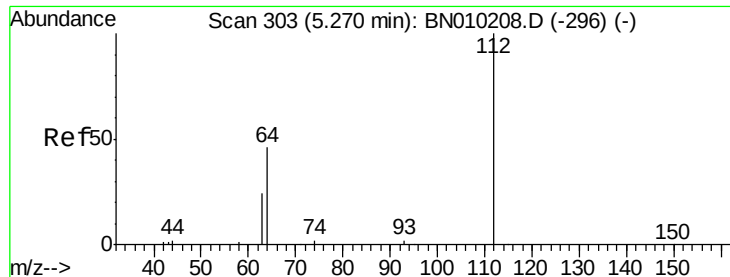


#2

1,4-Dioxane
Concen: 0.622 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010262.D
Acq: 18 Mar 2020 12:26

Tgt Ion: 88 Resp: 2238
Ion Ratio Lower Upper
88 100
58 62.5 97.8 146.8#
43 41.4 45.1 67.7#





#4

2-Fluorophenol

Concen: 0.149 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

Instrument :

BNA_N

ClientSampleId :

RE103D2-20200310

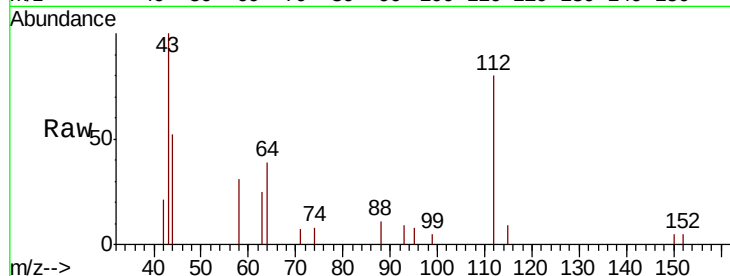
Tot Ion:112 Resp: 1284

Ion Ratio Lower Upper

112 100

64 54.5 42.6 63.8

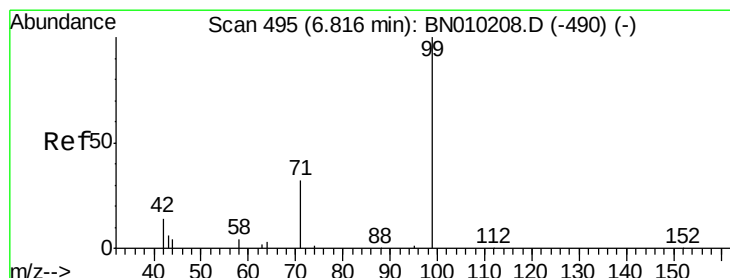
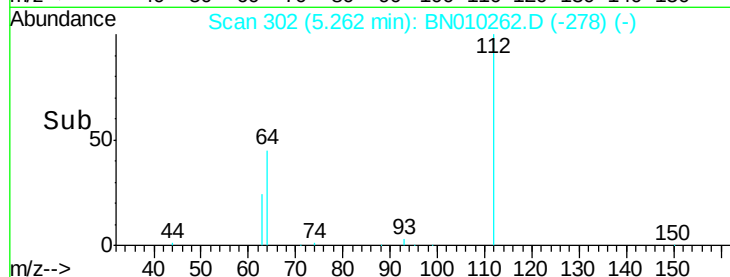
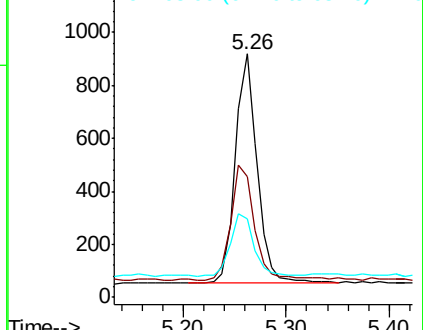
63 30.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.092 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

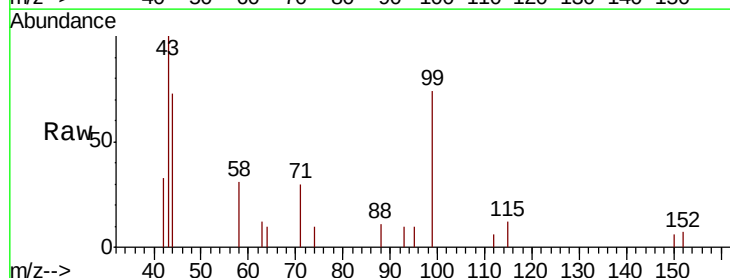
Tgt Ion: 99 Resp: 989

Ion Ratio Lower Upper

99 100

42 25.3 12.0 18.0#

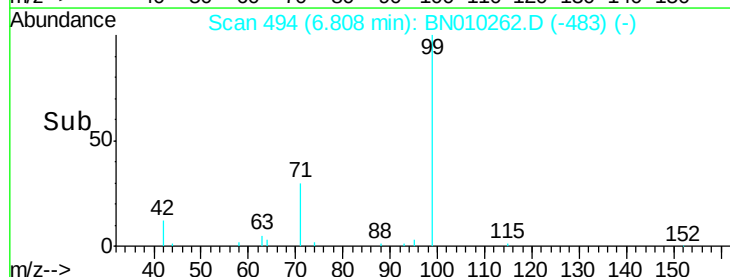
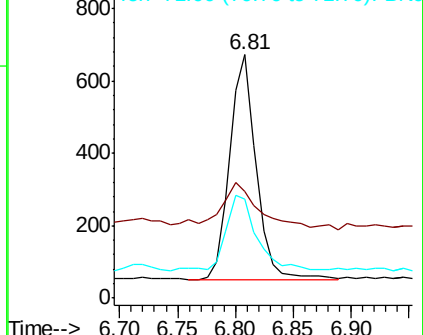
71 38.7 22.6 33.8#

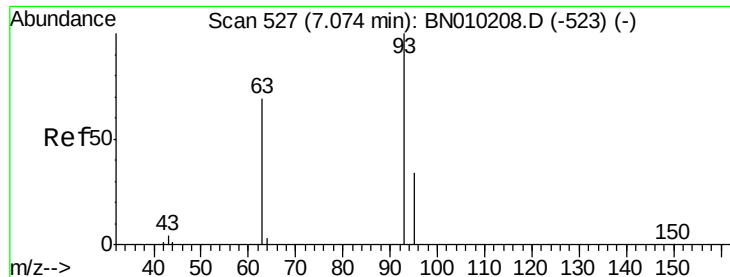


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.033 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

Instrument :

BNA_N

ClientSampleId :

RE103D2-20200310

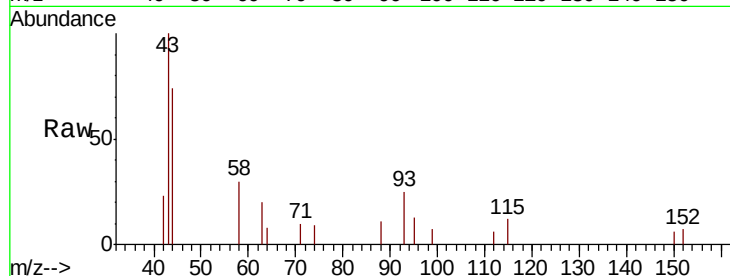
Tot Ion: 93 Resp: 294

Ion Ratio Lower Upper

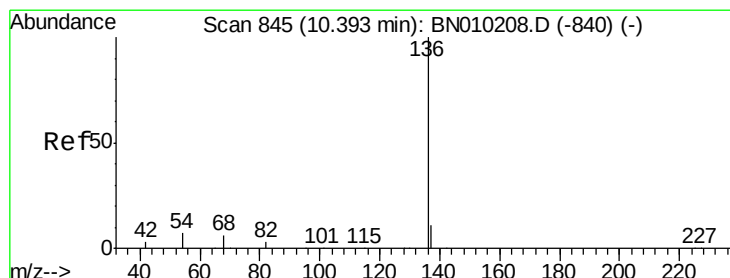
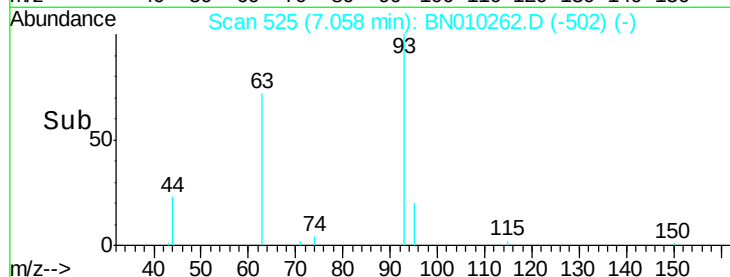
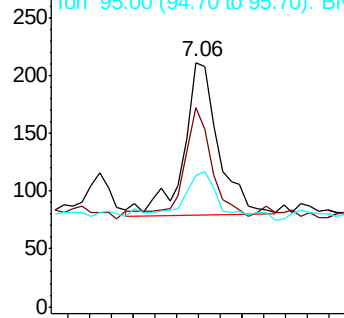
93 100

63 61.2 53.4 80.0

95 32.7 28.6 42.8



Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

Tgt Ion: 136 Resp: 12874

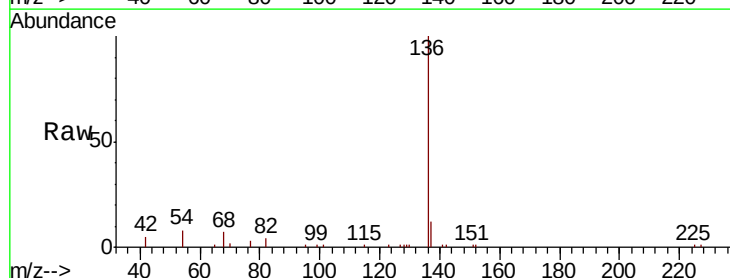
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 8.3 9.5 14.3#

68 6.9 9.7 14.5#



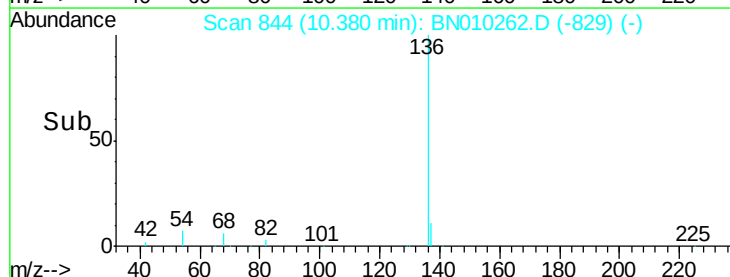
Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)

Ion 137.00 (136.70 to 137.70): BN010208.D (-840) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-840) (-)

Ion 68.00 (67.70 to 68.70): BN010208.D (-840) (-)

Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)



Abundance Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN010262.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN010262.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN010262.D (-829) (-)

Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)

Abundance Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN010262.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN010262.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN010262.D (-829) (-)

Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)

Abundance Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN010262.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN010262.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN010262.D (-829) (-)

Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)

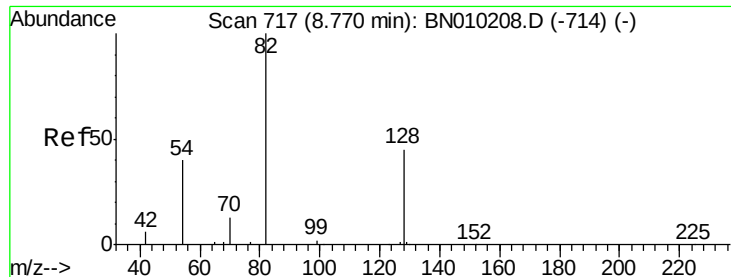
Abundance Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)

Ion 137.00 (136.70 to 137.70): BN010262.D (-829) (-)

Ion 54.00 (53.70 to 54.70): BN010262.D (-829) (-)

Ion 68.00 (67.70 to 68.70): BN010262.D (-829) (-)

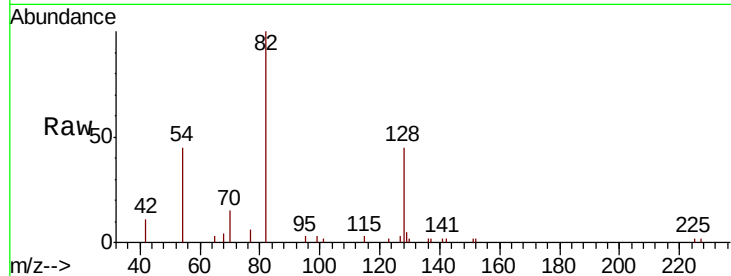
Ion 136.00 (135.70 to 136.70): BN010262.D (-829) (-)



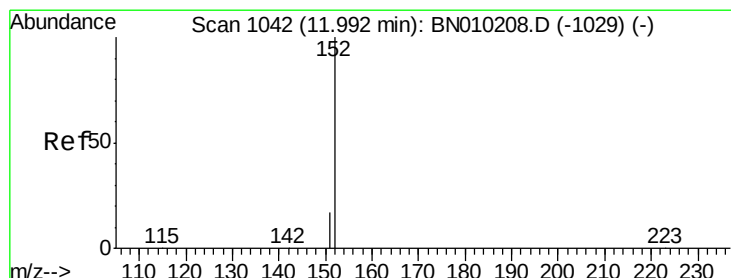
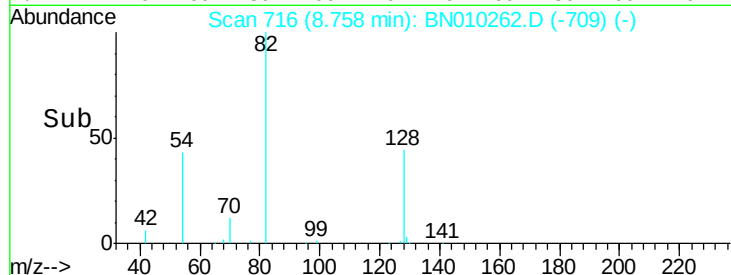
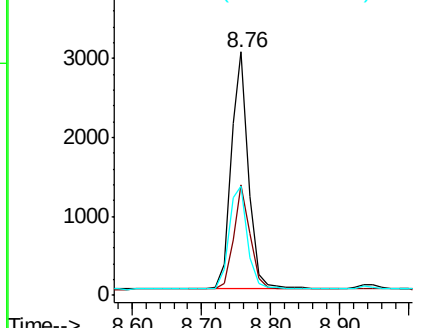
#8
 Nitrobenzene-d5
 Concen: 0.685 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010262.D
 Acq: 18 Mar 2020 12:26

Instrument :
 BNA_N
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 RE103D2-20200310

Tot Ion	82	Resp	5290
Ion Ratio	100	Lower	Upper
128	45.2	35.0	52.6
54	44.6	37.0	55.4

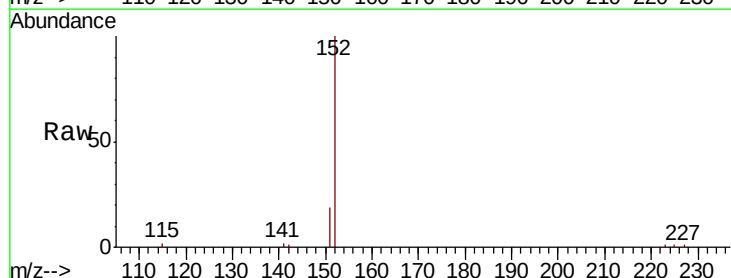


Abundance Ion 82.00 (81.70 to 82.70): BN010208.D (-714) (-)

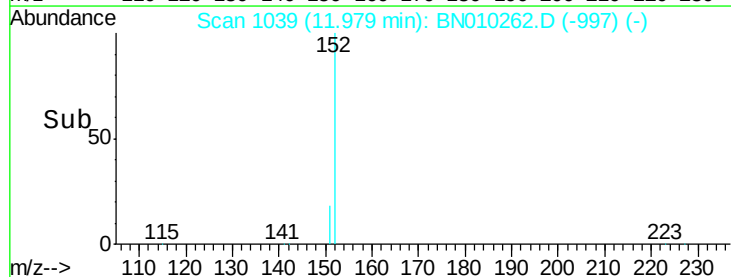
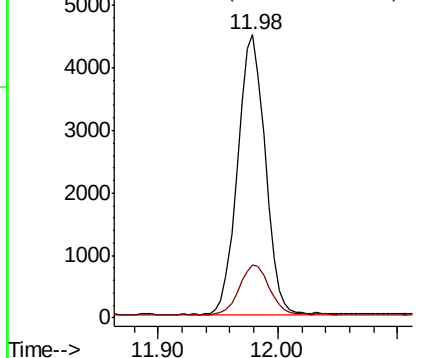


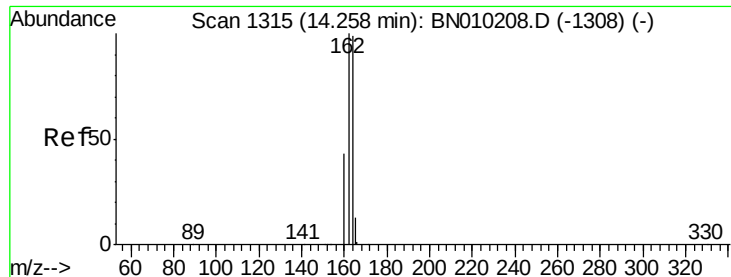
#11
 2-Methylnaphthalene-d10
 Concen: 0.337 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010262.D
 Acq: 18 Mar 2020 12:26

Tgt Ion	152	Resp	7161
Ion Ratio	100	Lower	Upper
151	19.4	15.0	22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010208.D (-1029) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

Instrument :

BNA_N

ClientSampleId :

RE103D2-20200310

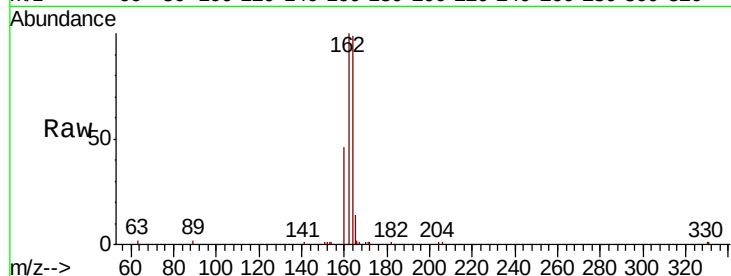
Tot Ion:164 Resp: 7693

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

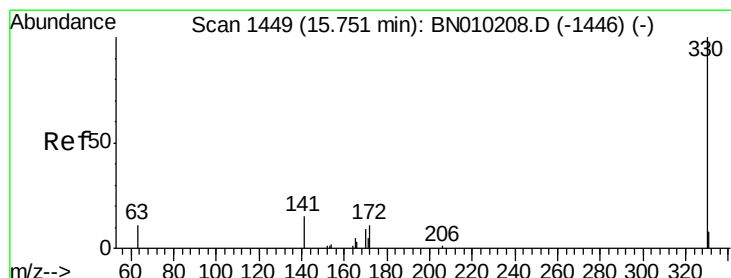
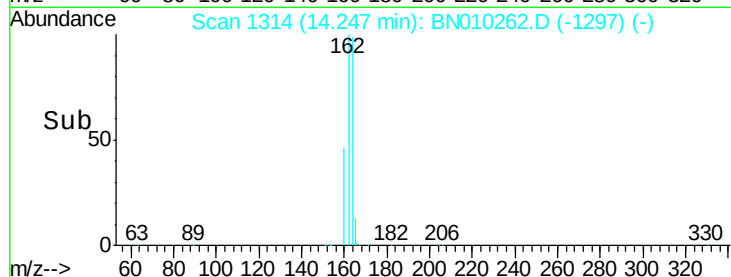
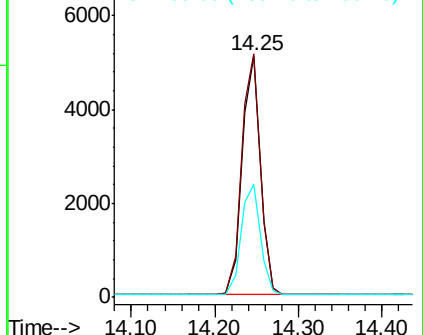
160 46.8 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.373 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

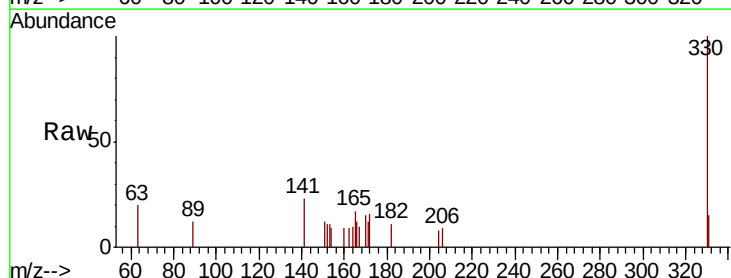
Tgt Ion:330 Resp: 1027

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

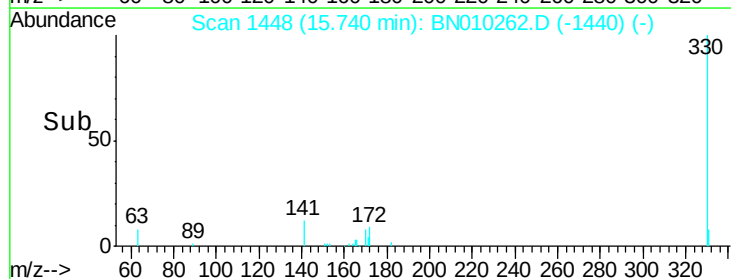
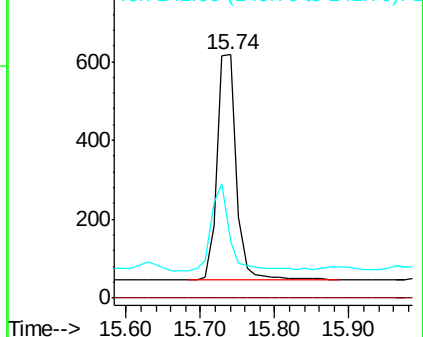
141 36.5 25.1 37.7

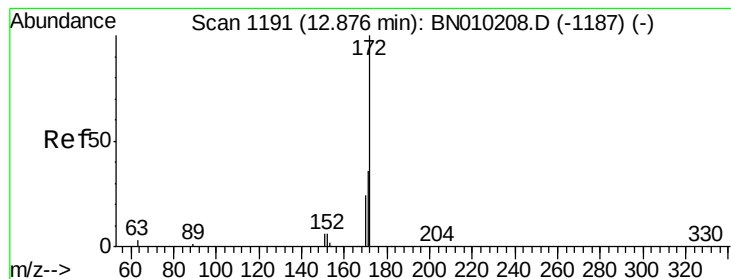


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

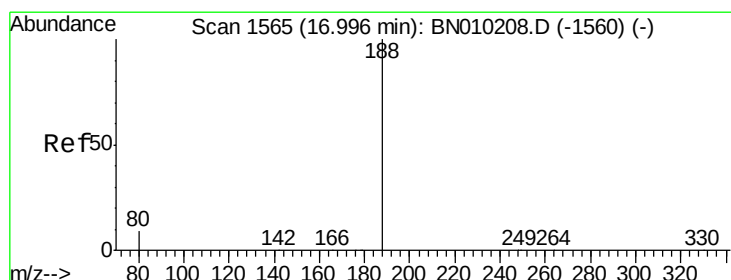
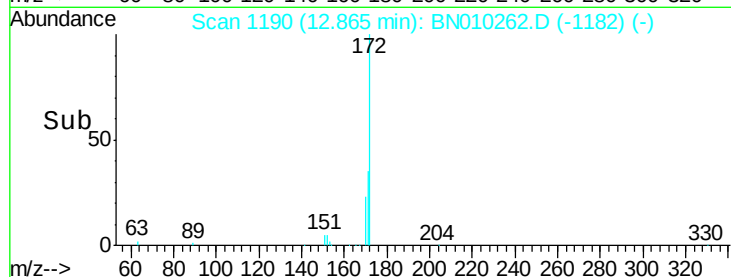
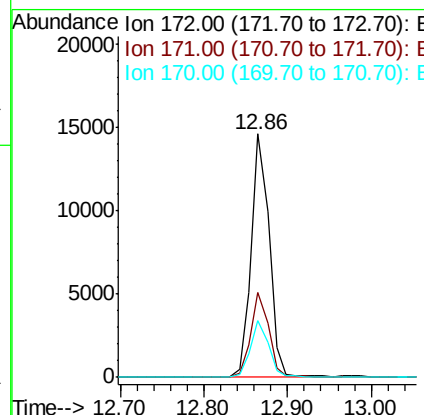
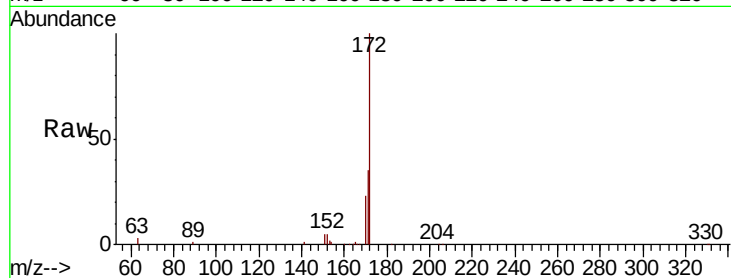




#15
2-Fluorobiphenyl
Concen: 0.780 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010262.D
Acq: 18 Mar 2020 12:26

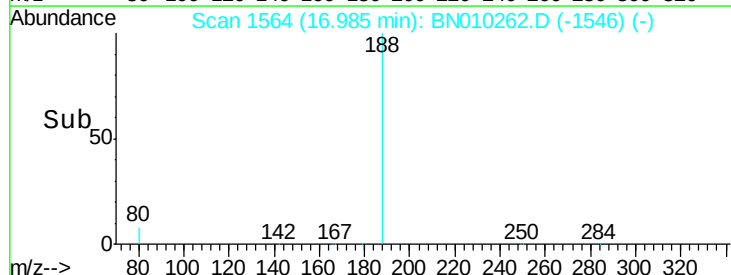
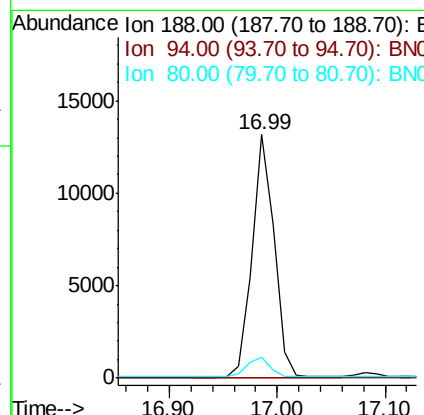
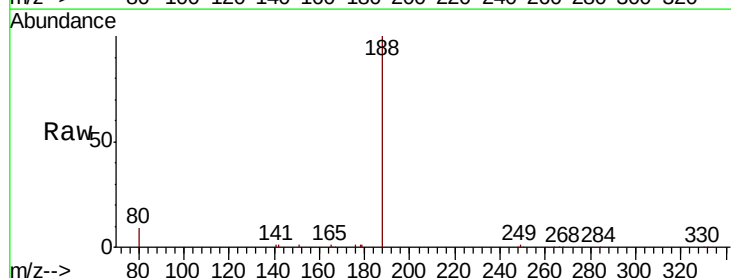
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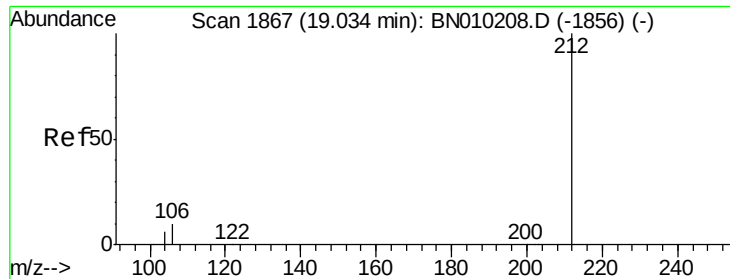
Tot Ion:172 Resp: 21369
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.2
170 23.4 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010262.D
Acq: 18 Mar 2020 12:26

Tgt Ion:188 Resp: 18534
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 8.6 12.8





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

Instrument :

BNA_N

ClientSampleId :

RE103D2-20200310

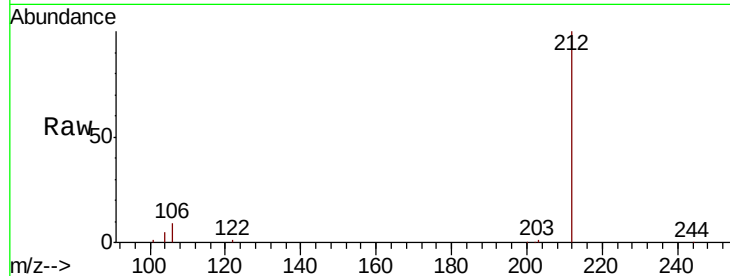
Tot Ion:212 Resp: 19890

Ion Ratio Lower Upper

212 100

106 9.7 8.1 12.1

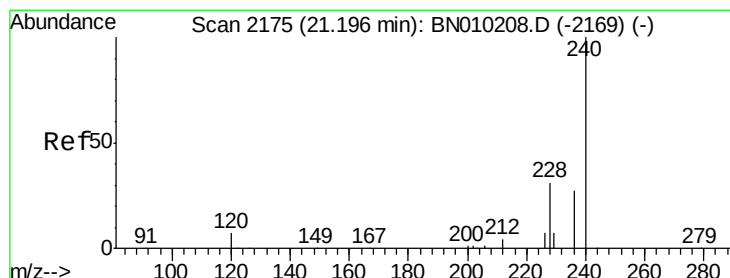
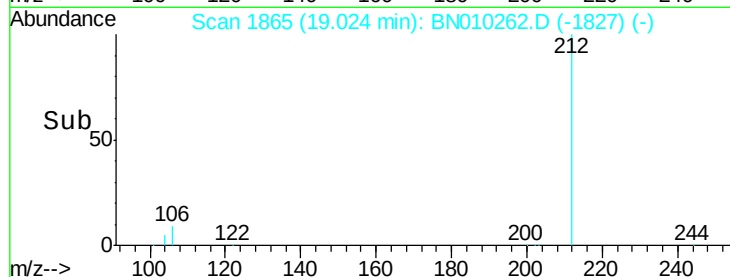
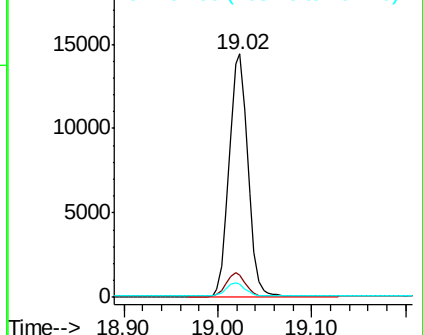
104 5.4 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

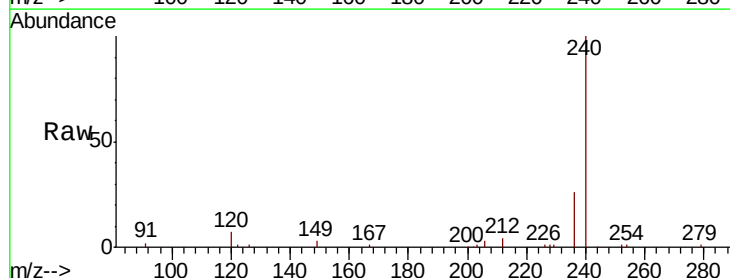
Tgt Ion:240 Resp: 19329

Ion Ratio Lower Upper

240 100

120 7.0 7.7 11.5#

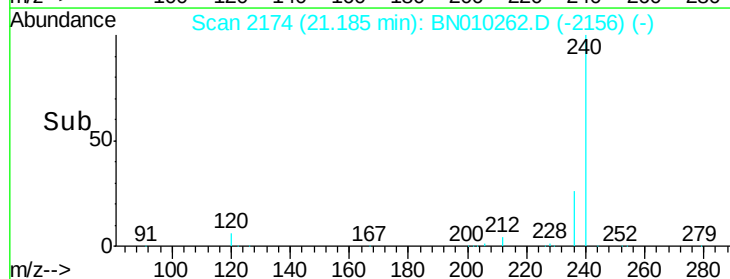
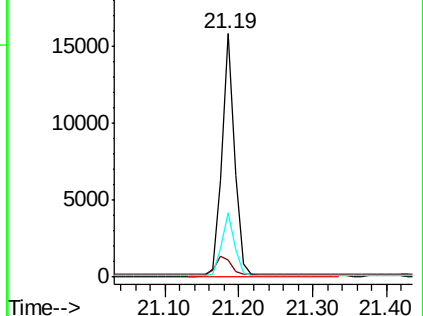
236 26.3 21.8 32.6

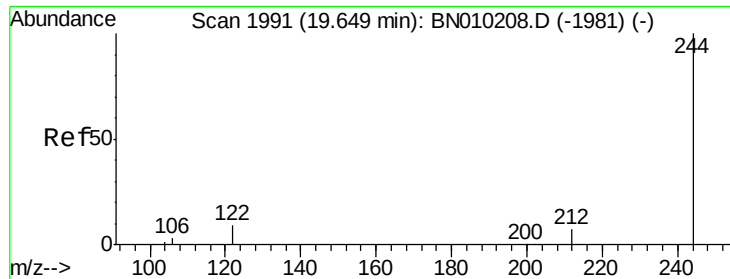


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.612 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

Instrument :

BNA_N

ClientSampleId :

RE103D2-20200310

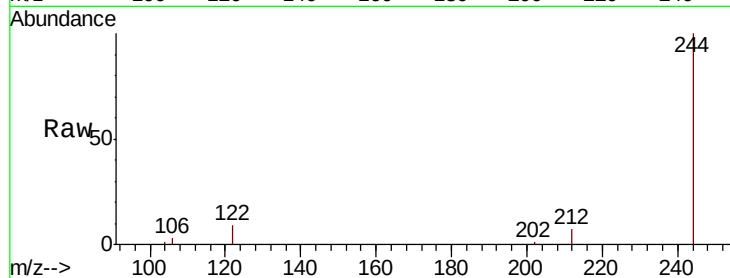
Tot Ion:244 Resp: 26967

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

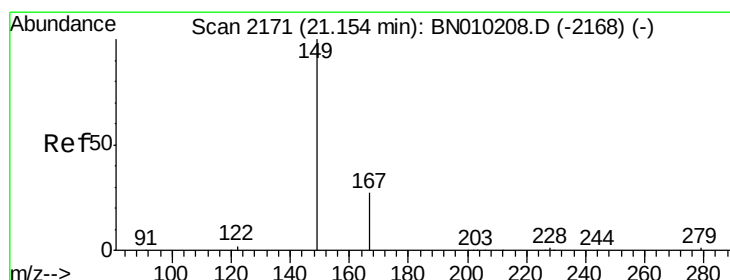
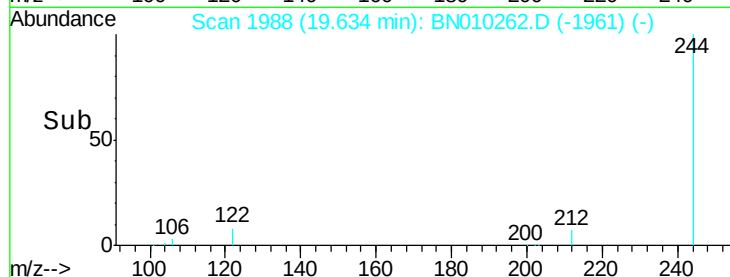
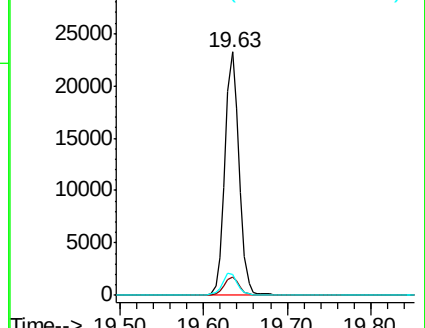
122 8.6 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

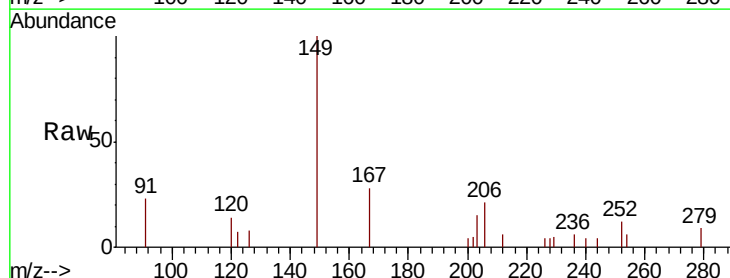
Tgt Ion:149 Resp: 1034

Ion Ratio Lower Upper

149 100

167 28.2 21.0 31.4

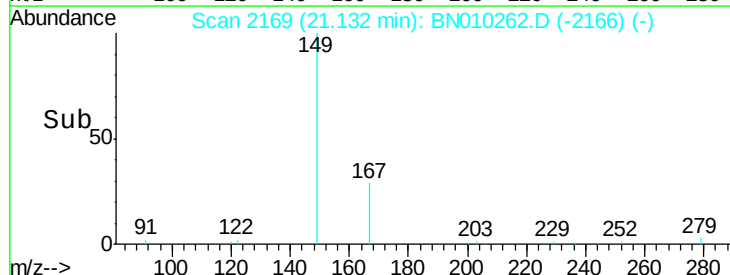
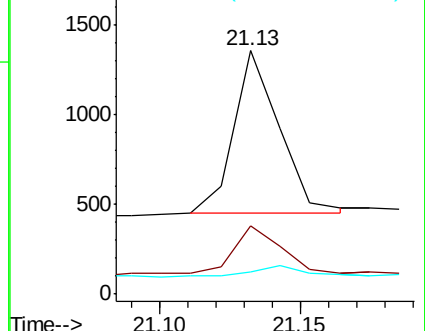
279 5.7 3.1 4.7#

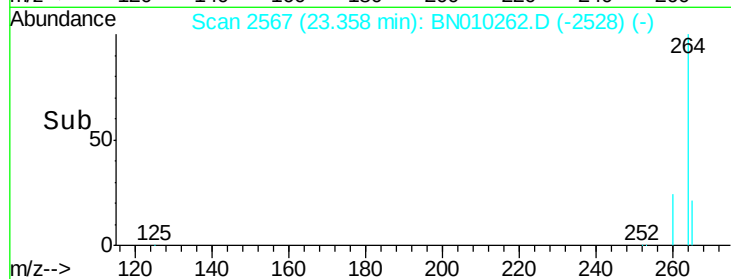
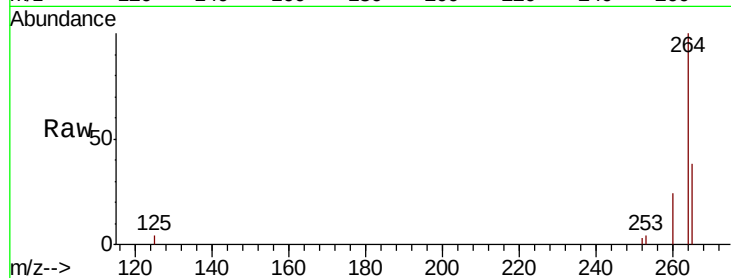
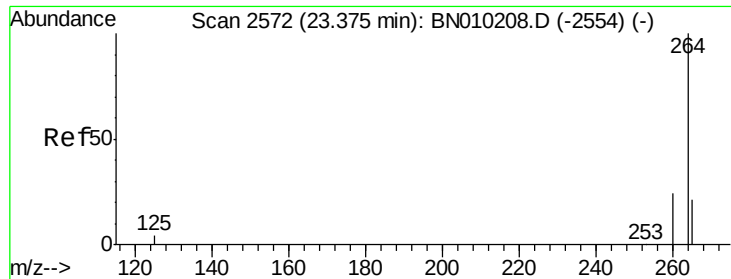


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BN010262.D

Acq: 18 Mar 2020 12:26

Instrument :

BNA_N

ClientSampleId :

RE103D2-20200310

Tot Ion:264 Resp: 21323

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 38.0 25.8 38.6

